(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT OR CIP APPLICATION)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: PROCESS FOR HEAT TREATING CERAMICS AND ARTICLES OF MANUFACTURE MADE THEREBY

the specification of which: (complete (a), (b) or (c) for type of application)

REGULAR OR DESIGN APPLICATION

	(a) (b)	[X] []		ed hereto. I on	_ as Applica	ation Serial No.	•	_ and was am	ended on	·			
				PCT FILE	APPLICAT	ION ENTERIN	IG NATIC	NAL STAGE					
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Arm than the this		ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR											
April 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.												
						which is materi ulations. §1.56		examination of	f this application	on in			
The street	. [[] In c	complianc	e with this duty	there is atta	ached an inforr	nation dis	sclosure stater	ment. 37 CFR	: 1.97.			
Hand three H. H.					PF	RIORITY CLAI	M						
And And	I hereby claim foreign priority benefits under Title 35, United States Code §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.												
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(complete this part only if this is a continuation-in-part application)

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09/393,004 (Application Serial No.)	September 9, 199	9 Pending	
(Application Serial No.)	(Filing Date)	(Status)	(patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status)	(patented, pending, abandoned)
	POWER	OF ATTORNEY	
As a named inventor, I here and transact all business in (List name and registration to	the Patent and Trader		or agent(s) to prosecute this application that therewith.
John J. Priz Larry R. Me Stanislav Ar James G. P Stephen T. John M. Ha Thomas W. Thomas Liz	enan ntolin orcelli Belsheim lan Cole	Registration Registration Registration Registration Registration Registration	n No. 29,970 n No. 33,423 n No. 34,979 n No. 33,757 n No. 28,688 n No. 35,534 n No. 28,290 n No. 35,252
SEND CORRESPO	NDENCE TO:		PHONE CALLS TO:
John J. Prizzi Kennametal Inc P. O. Box 231 Latrobe, PA 15	-	John J. Priz (724) 539-5	
made on information and be the knowledge that willful fall both, under Section 1001 of	lief are believed to be se statements and the Title 18 of the United application or any pai	true; and further the like so made are States Code and the tent issued thereor	ge are true and that all statements nat these statements were made with punishable by fine or imprisonment, nat such willful false statements may n.
Full name of sole or first inventor's signature	ty tema 1	Vehetra	IISA
Full name of sole or first inventor's signature Paul Date 5/9/2000	taj terman 1 Country o	of Citizenship	U.S.A.
Full name of sole or first inventor's signature Paul Date 5/9/2000 Residence Green	Country coensburg, Pennsylvani	of Citizenship a 15601	U.S.A.
Full name of sole or first inventor's signature Date 5/9/2000 Residence Gre Post Office Address 23 I	Country of terman 1 Country of tensburg, Pennsylvania Peters Road, Greensburg, Greensburg, Irange Mark A	of Citizenship a 15601 urg, PA 15601 . Garman	

Post Office Address ____306 Shady Oak Drive, Johnstown, PA 15905

[X]	Signature for third and subsequent joint inventors. Number of pages added _1
[]	Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. Number of pages added
[]	Signature for inventor who refuses to sign or cannot be reached by person authorized under 35 CFR 1.47. Number of pages added



Full name of third join	nt inventor, if any _	Chuck E. Lipniskis	
Inventor's signature			
			U.S.A.
Residence	Greensburg, Pe	ennsylvania 15601	
Post Office Address	3107 Attieboro	Place, Greensburg, PA 1	5601
Full name of fourth jo	int inventor, if any	Frank B. Battaglia	
			U.S.A.
Full name of fifth ioin	inventor if any		
			U.S.A.
Full parse of civils inic			
			II C A
			U.S.A.
Full name of seventh	joint inventor, if an	y	
			U.S.A.
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l. Feb	I	[] in (complian	ce with this duty	there is attac	hed an informa	ation disclosure	e statemen	t. 37 CFR	1.97.
					PRIC	DRITY CLAIM				
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As a named inventor, I here and transact all business in (List name and registration I	the Patent and Trader	ng attorney(s) and/onark Office connec	or agent(s) to prosecute this application sted therewith.
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John J. Prizzi Kennametal Inc. P. O. Box 231 Latrobe, PA 156		John J. Priz (724) 539-5	zi
the knowledge that willful fals	se statements and the Title 18 of the United 5	true; and further the like so made are p States Code and th	ge are true and that all statements at these statements were made with punishable by fine or imprisonment, or at such willful false statements may
Full name of sole or first inve	ntor <u>Pankaj K. Me</u> l	rotra	
Inventor's signature			
Date	Country of	Citizenship	U.S.A.
Residence Gree	ensburg, Pennsylvania	15601	
Post Office Address 23 P	eters Road, Greensbu	rg, PA 15601	
Date 5/9/00	ark Q Sar Country of stown, Pennsylvania	Citizenship	U.S.A.

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H.

Henry Hugh Little Williams & H. 18 H

- [X] Signature for third and subsequent joint inventors. Number of pages added 1.
- [] Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. Number of pages added ____.
- Signature for inventor who refuses to sign or cannot be reached by person authorized under 35 CFR 1.47. Number of pages added ___.

Full name of third joint	inventor, if any <u>Chuck E. Lipniskis</u>
Inventor's signature	
	Country of Citizenship U.S.A.
Residence	Greensburg, Pennsylvania 15601
	3107 Attleboro Place, Greensburg, PA 15601
Full name of fourth joir	nt inventor, if any Frank B. Battaglia
	Country of Citizenship U.S.A.
	Latrobe, Pennsylvania 15650
	R. D. 1, Box 366D, Latrobe, PA 15650
Full name of fifth joint	inventor, if any
	Country of Citizonship LLS A
	Country of Citizenship U.S.A.
Fost Office Address _	
Full name of sinth initial	
	t inventor, if any
	Country of Citizenship U.S.A.
Post Office Address _	
	oint inventor, if any
Date	Country of Citizenship U.S.A.

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REGUL	AR OR	DESIGN	APDI	ICATI	ON

(a) [X] (b) []		as Application Serial No.	and was am	ended on
	PCT FILED A	PPLICATION ENTERIN	G NATIONAL STAGE	
(c) []	was described and claime amended on	d in International Applica	ation No filed	on and as
	ACKNOWLEDGMENT	OF REVIEW OF PAPE	RS AND DUTY OF CA	ANDOR
I hereby s including	state that I have reviewed and the claims, as amended by a	d understand the content ny amendment referred	s of the above identifie to above.	d specification,
l acknowle accordance	edge the duty to disclose info ce with Title 37, Code of Fed	ormation which is material Regulations. §1.56(al to the examination of a).	this application in
[] in	compliance with this duty the	ere is attached an inform	ation disclosure staten	nent. 37 CFR 1.97.
		PRIORITY CLAIM	I	
ior patent	laim foreign priority benefits i or inventor's certificate listed inventor's certificate having a	below and have also ide	entified below any forei	an application for
		(complete (d) or (e,))	
(d) [X]	no such applications have	been filed.		
(e) []	such applications have bee	en filed as follows:		
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Cou	untry Application No.	Date of Filing (day, month, year)	Date of Issue (day, month, year)	Priority Claimed
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John J. Pr	izzi	Registration	n No. 29,970
Larry R. M			No. 33,423
Stanislav /			No. 34,979
James G.			No. 33,757
	. Belsheim	Registration	
John M. H			No. 35,534
Thomas W			No. 28,290
Thomas Li		Registration	No. 35,252
SEND CORRESPO	ONDENCE TO:	DIRECT TELEP	HONE CALLS TO:
John J. Prizzi		John J. Priz	zi
Kennametal in	c.	(724) 539-53	 -
P. O. Box 231	•	, ,	
Latrobe, PA 1:	5650		
the knowledge that willful fa	elief are believed to be talse statements and the fittle 18 of the United Seapplication or any pate	rue; and further that like so made are p States Code and the ent issued thereon.	ge are true and that all statements at these statements were made with nunishable by fine or imprisonment, or at such willful false statements may
Inventor's signature			
Date	Country of	Citizenship	U.S.A.
Residence Gre	eensburg, Pennsylvania	15601	
Post Office Address23	Peters Road, Greensbu	rg, PA 15601	
Full name of second joint in	ventor, if any <u>Mark A</u>	Garman	
Inventor's signature			
Residence lab	Country of	Citizenship	U.S.A.
Residence Joh	Shady Oak Day	10800	
Post Office Address306	Snagy Oak Drive, John	stown, PA 15905	

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4) West of the good date date for the state

Thus und that

[-	X]	Signature for third and subsequent joint inventors. Number of pages added 1.
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Full name of third joint	:inventor, if any]	Chuck E Lipniskis	
Inventor's signature	Church	Lipnishia	
		Country of Citizenship	
		ennsylvania 15601	
		Place, Greensburg, PA 1	
Full name of fourth joir	nt inventor, if any	Frank B. Battaglia	
Inventor's signature	_		
		Country of Citizenship	
		sylvania 15650	
		66D, Latrobe, PA 15650	
Full name of fifth joint i	inventor, if any _		
		Country of Citizenship	
Full name of sixth joint	: inventor, if any		
		Country of Citizenship	
Full name of seventh jo	oint inventor, if a	ny	
		Country of Citizenship	
Residence			

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		AC	KNOWLEDGMENT	OF REVIEW OF PAPE	RS AND DU	TY OF CAND	OR
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Inventor's signature			
Date	Country of	Citizenship	U.S.A.
Residence <u>Gree</u>			
	eters Road, Greensbu		

[X]	Signature for third and subsequent joint inventors. Number of pages added _1
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Inventor's signature			
			U.S.A.
			15601
Full name of fourth join	t inventor, if any	Frank B. Battaglia	
Inventor's signature	Freh	B Fillingers	
Date $\frac{5/14/\infty}{}$		Country of Citizenship	U.S.A.
, ,			
Post Office Address	R. D. 1, Box 36	6D, Latrobe, PA 15650	
Full name of fifth joint in	nventor, if any		
Inventor's signature	·		
Date		Country of Citizenship	U.S.A.
Full name of sixth joint	inventor, if any _		······································
Inventor's signature			
			U.S.A.
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Post Office Address			
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Inventor's signature		· · · · · · · · · · · · · · · · · · ·	
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